

[illegible]

8

7

6

5

4

3

2

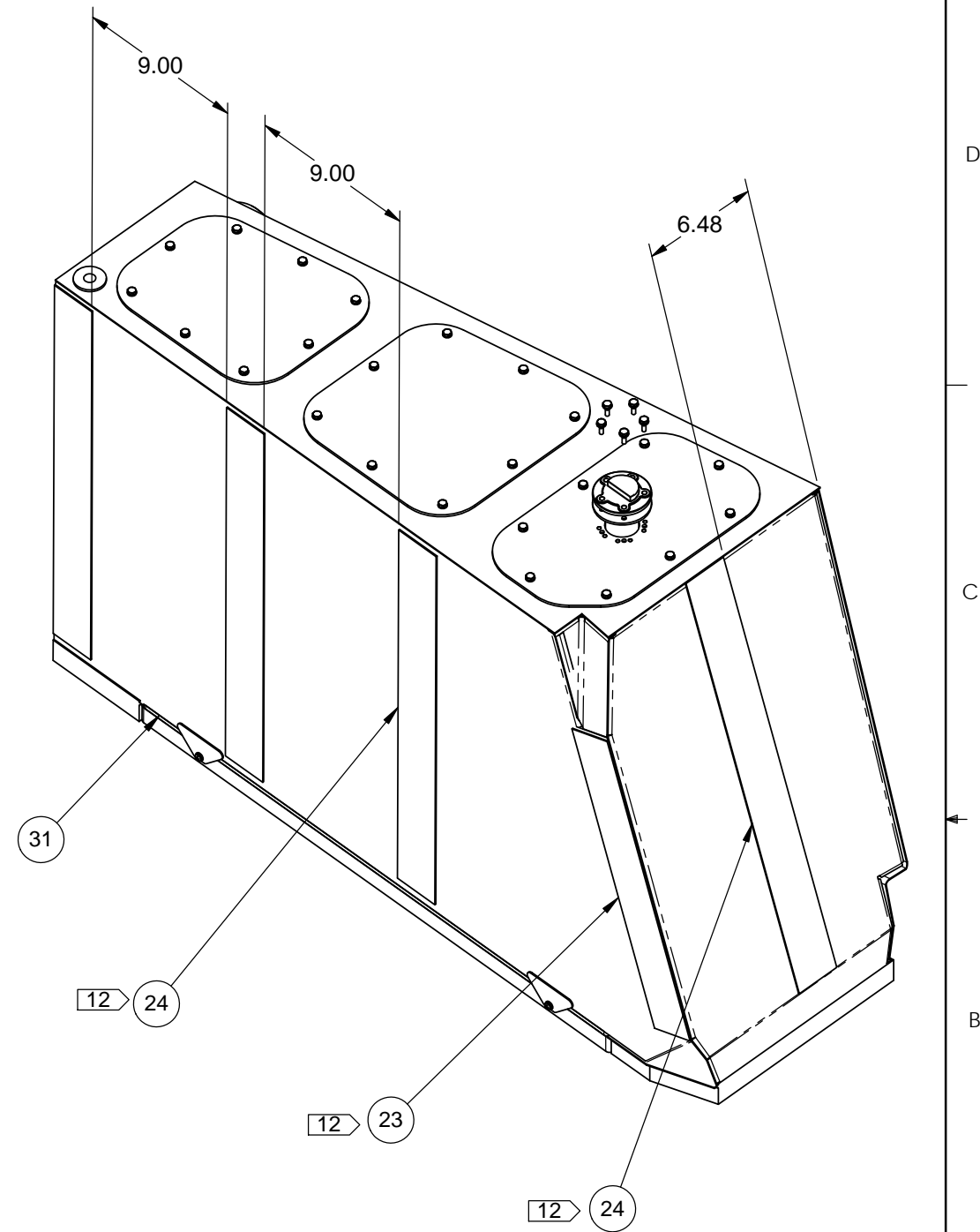
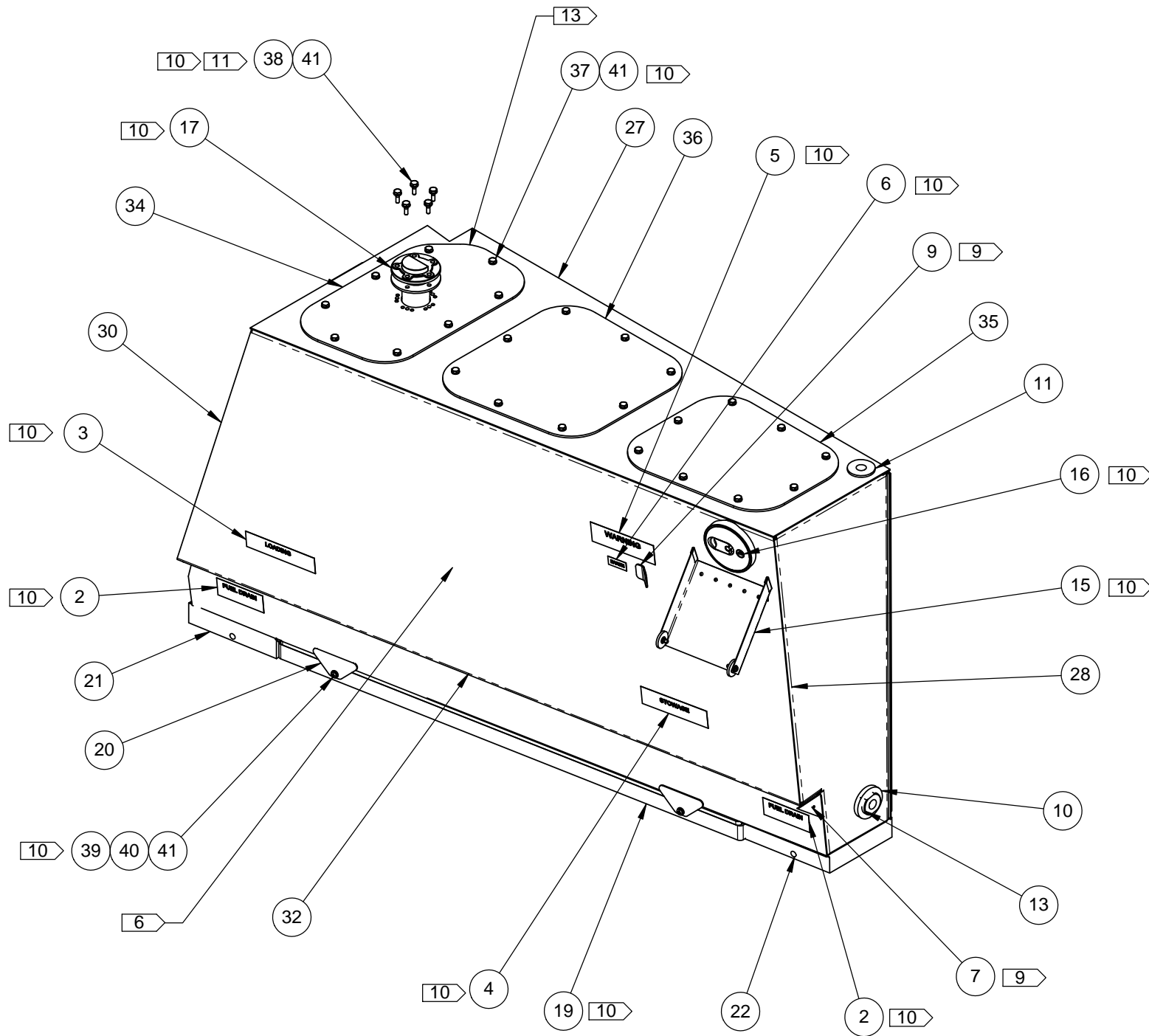
1

D

C

B

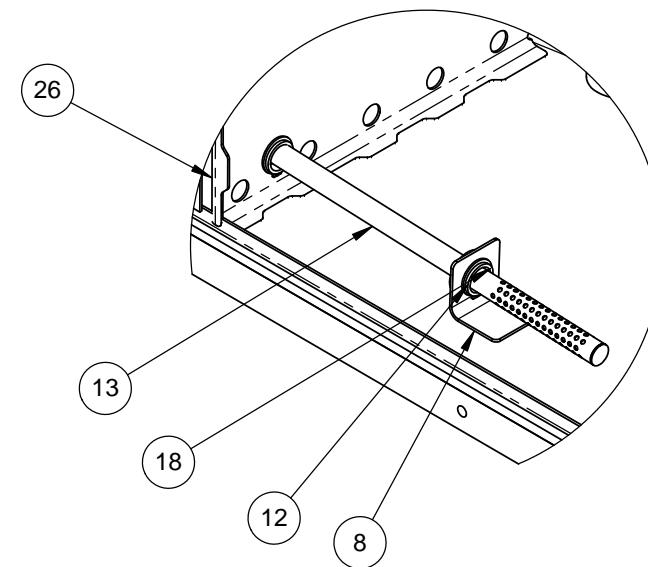
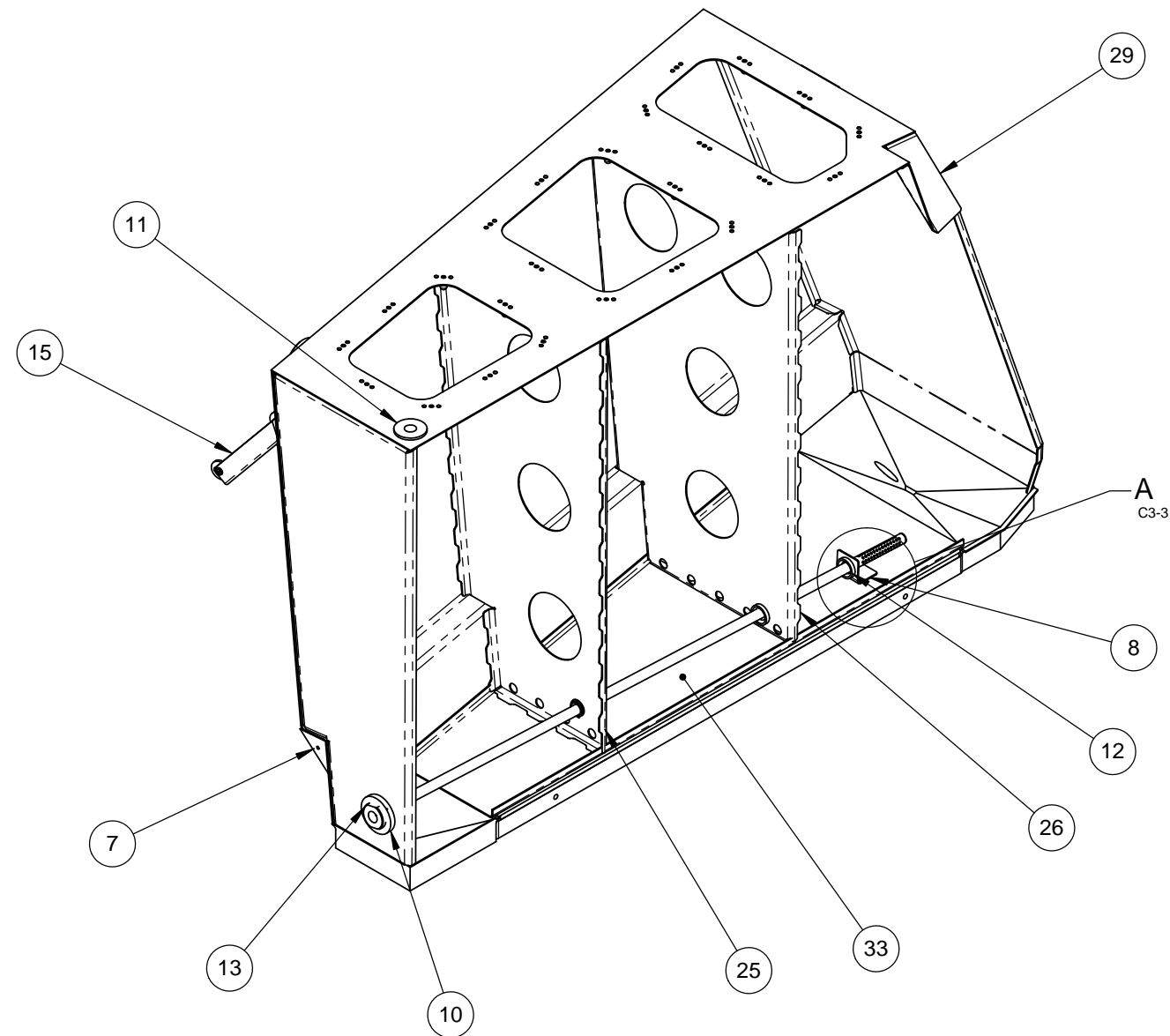
A

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: TOUCH UP CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "ANSI 61 GREY" (4.3.5.15) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D350-794-141" USING D2729-1 RED DECAL
- 7) WEIGHT: 35.81 lbs
- 8) CAP ALL TANK ACCESS POINTS AND PRESSURE TEST TANK PER QSI 038 4.3. VERIFY NO LEAKS
- 9) MASK PRIOR TO POWDER COAT
- 10) INSTALL AFTER POWDER COAT
- 11) LOCKWIRE BOLTS AFTER INSTALLATION PER AC 43.13 OR MS33540
- 12) INSTALL CUSHIONS AFTER POWDER COAT USING CONTACT CEMENT. TRIM TO FIT IF REQUIRED
- 13) INSTALL D4577-041/-3/-5 ACCESS PANELS WET WITH PROSEAL 890.

D4464-041 FUEL TANK ASSEMBLY**PRELIMINARY ISSUE***DC* 12.05.02

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. PD1
MFG. APPR.		D4464	SHEET 2 OF 5
APPROVED		TITLE	SCALE
DE APPR.		TANK ASSEMBLY	NTS
DATE	12.05.02	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	




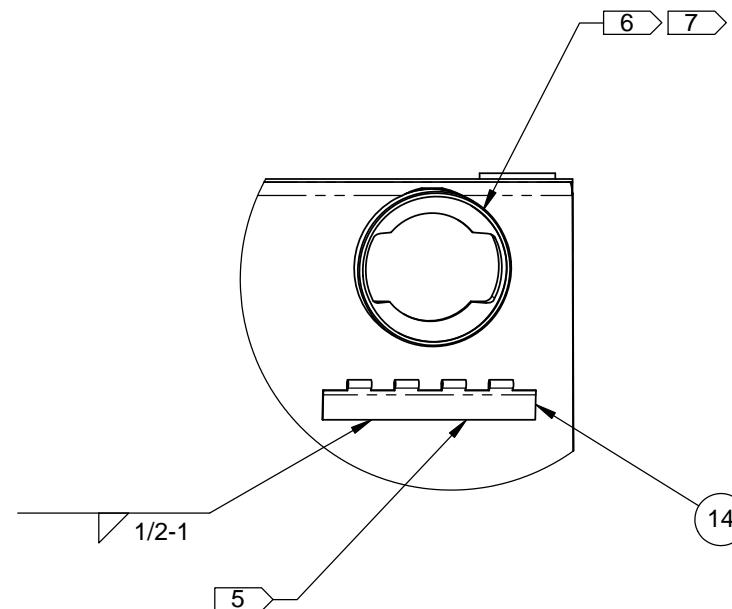
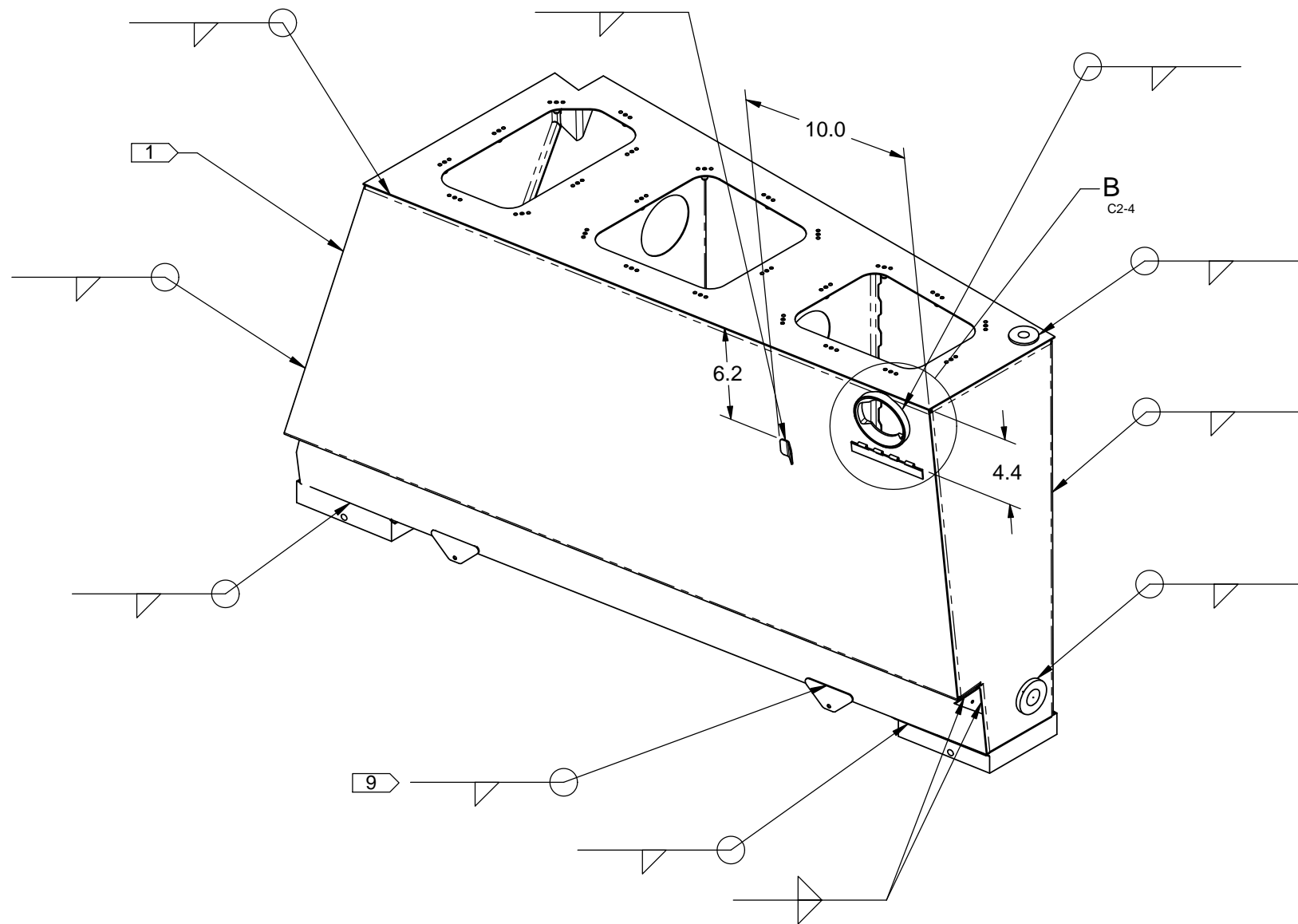
DETAIL A
ROTATED FOR CLARITY
SCALE 2X

B6-3

D4464-041 FUEL TANK ASSEMBLY
D4463-9 TANK BACK REMOVED
TO SHOW INTERIOR DETAIL

PRELIMINARY ISSUE
DC 12.05.02

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO. D4464	REV. PD1
MFG. APPR.			SHEET 3 OF 5
APPROVED		TITLE TANK ASSEMBLY	SCALE
DE APPR.			NTS
DATE	12.05.02	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



DETAIL B
ROTATED FOR CLARITY
SCALE 2X
C2-4

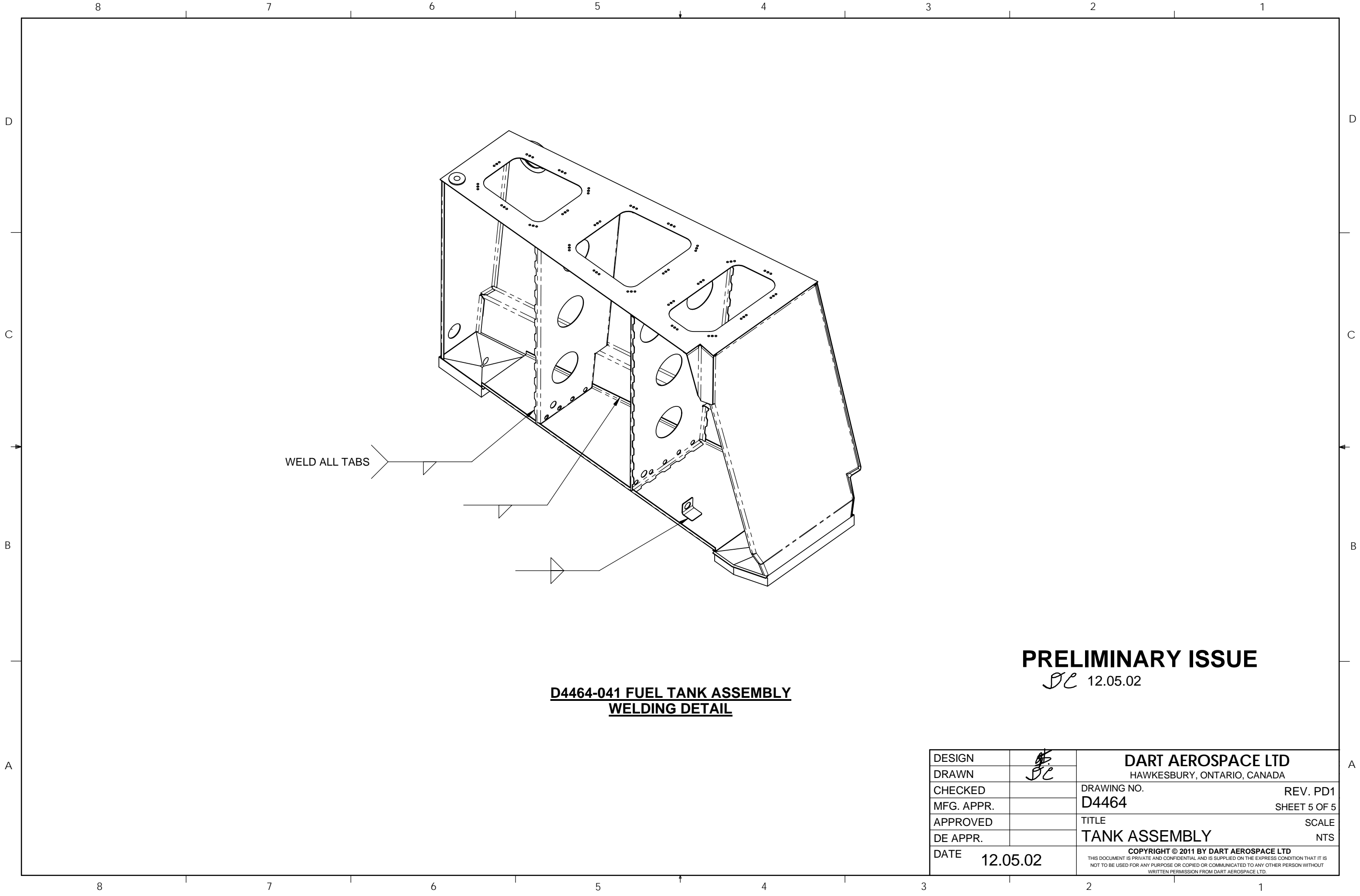
D4464-041 FUEL TANK ASSEMBLY
WELDING DETAIL

- NOTES:**
- 1) TRIM FLANGES AS REQUIRED TO FIT ASSEMBLY
 - 2) FINAL CHECK BEFORE LAST PANEL INSTALLED
 - END OF FUEL PICK UP TUBE IS 0.60 OFF THE TANK FLOOR AND 1.96 FROM SIDE WALL
 - ALL SWARF REMOVED
 - 3) ACCEPTABLE TO DRILL 6 (TYP) $\varnothing 0.312$ HOLES IN TANK TOP TO WELD TOP TO AFT BAFFLE (1 HOLE PER BAFFLE TAB)
 - 4) ACCEPTABLE TO DRILL 7 (TYP) $\varnothing 0.312$ HOLES IN TANK TOP TO WELD TOP TO FWD BAFFLE (1 HOLE PER BAFFLE TAB)
 - 5) CENTER HINGE BELOW FUEL CAP FLANGE
 - 6) POSITION FUEL CAP FLANGE AS SHOWN, ELONGATED HOLE APPROXIMATELY HORIZONTAL
 - 7) POSITION FUEL CAP FLANGE SO THAT INNER FACE IS FLUSH WITH INSIDE OF TANK
 - 8) WELD PER DART QSI 004
 - 9) USE THE D4062-041 TANK SUPPORT ASSEMBLY TO POSITION THE D4124-1 TABS BEFORE WELDING;
D4124-1 TABS MAY BE HAND FORMED AS REQUIRED TO FIT D4062-041 ASSEMBLY BEFORE WELDING.



PRELIMINARY ISSUE
DC 12.05.02

DESIGN	<i>DC</i>	DART AEROSPACE LTD	
DRAWN	<i>DC</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. PD1
MFG. APPR.		D4464	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		TANK ASSEMBLY	NTS
DATE	12.05.02	<small>COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



WELD ALL TABS

D4464-041 FUEL TANK ASSEMBLY
WELDING DETAIL

PRELIMINARY ISSUE
DC 12.05.02

DESIGN	<i>DC</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>DC</i>		
CHECKED		DRAWING NO.	REV. PD1
MFG. APPR.		D4464	SHEET 5 OF 5
APPROVED		TITLE	SCALE
DE APPR.		TANK ASSEMBLY	NTS
DATE	12.05.02	<small>COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	